

In the Abstract:

Rewrite the Abstract as follows:

~~A b s t r a c t~~ ABSTRACT OF THE DISCLOSURE

An electronic compressed air system for vehicles is ~~provided with~~includes a compressed air supply part (4) ~~provided with~~having a compressor, ~~(7) and~~ a compressed air consumer part (6) ~~with~~having a plurality of compressed air-load circuits (26, 28, 30, 32, 34, 36, 38), which ~~comprise~~forming an air-suspension circuit, (38) and service-brake circuits (26, 28) ~~provided with~~having compressed air-reservoirs (90, 92). The compressed air-load circuits are supplied with compressed air via solenoid valves ~~(16, 18, 20, 22, 24)~~. The pressure in the ~~compressed air-load~~ circuits is monitored by pressure sensors ~~(72, 74, 76, 78, 80)~~, whose ~~electrical pressure~~-signals are evaluated by an ~~electronic control unit (84)~~ ECU that controls the solenoid valves. The solenoid valve (24) of the air-suspension circuit ~~(38)~~, which is ~~designed without~~does not include compressed air-reservoirs, and is closed in the de-energized normal state, ~~whereas the~~The solenoid valves ~~(16, 18, 20, 22)~~ of other~~the further~~ compressed air load circuits ~~(26, 28, 30, 32, 34, 36)~~, especially of the service-brake circuits (26, 28), are open in the de-energized normal state. ~~In the case of~~With a pressure demand of the air-suspension circuit ~~(38)~~, the associated solenoid valve ~~(24)~~ thereof, ~~by means of data communication,~~ is switched by the ~~electronic control unit (84)~~ ECU to open position to establish communication with the compressed air supply part ~~(4)~~ and/or with the service-brake circuits ~~(26, 28)~~ or with the ~~compressed air-reservoirs (90, 92)~~ thereof, ~~in order to~~ refill the air-suspension circuit.